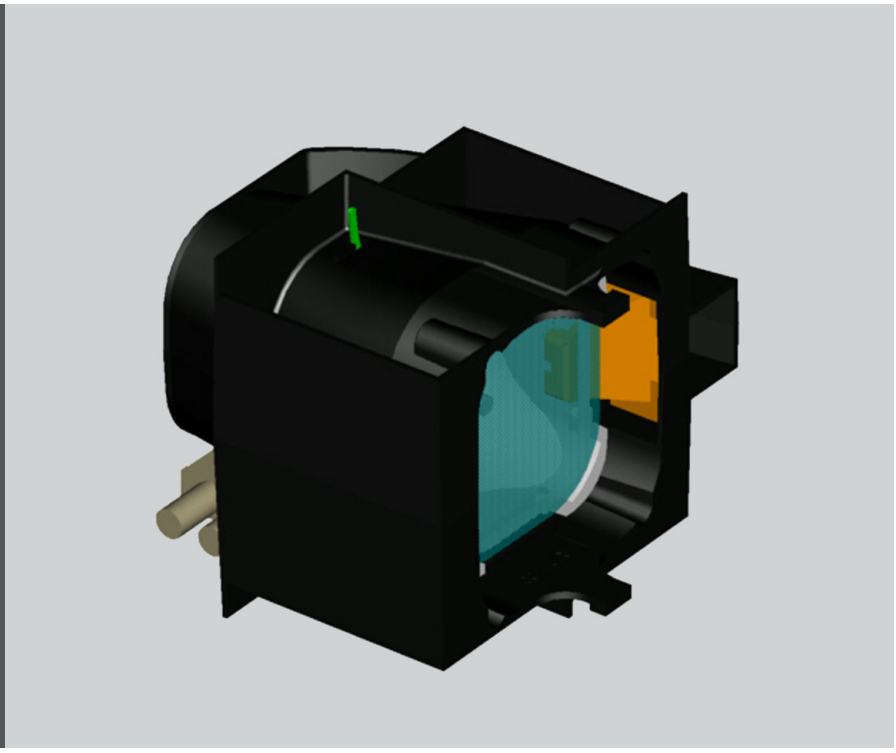
# Sim 5W Lamp Kit



## Installation manual

R9841842
R9841832

R59770361/00
28/11/2008

BARCO
Visibly yours

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# 1. SAFETY

## 1.1 Safety guidelines

**WARNING: Hot Surface and Risk of Explosion:Switch the projector to stand by and let it cool down for at least 15 minutes . These lamps consist of a quartz arc tube operating at very high temperature and high pressure which may explode suddenly. There is a risk of personal injury and property damage from hot quartz arc tube particles if handled incorrectly.**

**WARNING: Risk of Electrical Shock: Power down the projector and unplug the power cord from the wall outlet. Once the projector is cooled down and the power is off, continue with the procedure.**

**WARNING: Lamp Runtime Warning: Do not exceed the indicated maximum total lifetime of the lamp for safe operation in normal power mode. Do not use it longer ! Always replace the lamp with the BARCO lamp kit.**

**WARNING: UV Radiation Exposure : Never light the lamp if the rear cover (lamp cover) of the projector is removed, unless you wear UV radiation eye and skin protection.**

**WARNING: : Do not operate the projector longer than one minute with the rear cover removed.**

**CAUTION: : Never operate the projector with only one lamp installed.**

## 1.2 Recycling guidelines

**WARNING: Do not break or crush lamps because this may pose health and environmental risks when mercury vapors are released.**

**CAUTION: To avoid breaking the lamps, repack carefully when storing and transporting them.**

**CAUTION: Lamps may not be disposed as normal household trash.**

**Contact your local waste disposal facility for information on the recycling program for HID (High Intensity Discharge ) lamps in your area.**

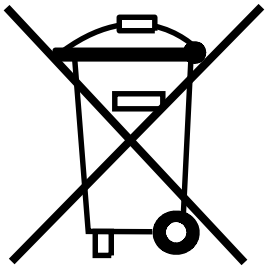

Image 1-1

## Disposal options for mercury-containing lamps

- Recycle through a municipal or solid waste district household hazardous waste collection program in accordance with local regulations.
- Direct shipment to lamp recycler
- Shipment through a hazardous waste transporter

# 2. INTRODUCTION

### Overview

- Kit description

## 2.1 Kit description

### Kit content

Depending on the number ordered the kit contains following parts :

- 1 or 2 UHP lamps
- Lamp installation manual

| Kit number | R9841832 | R9841842 |
|---|---|---|
| Qty of Lamps | 1 pc | 2 pcs |
| Manual number | R59770361 | R59770361 |

The lamp is intended to be used in **Sim 5W (R9040395)** only.

### Lamp description

- Type : UHP
- Power: 250 Watt
- Typical lifetime (monitored in projector software) : 3000 hours - NOT GUARANTEED!

Image 2-1
Lamp view

# 3. LAMP REPLACEMENT PROCEDURE

### Overview

- Reset lamp runtime
- Removing the rear cover
- Removing the lamp
- Installing the lamp
- Installing the rear cover

**Resetting the lamp runtime requires access to the hidden menu of the projector. Select *More...* in the *Lamps* menu, and enter the password (by default 0000) followed by Enter to get access.**

## 3.1 Reset lamp runtime

### When to reset the lamp runtime?

The lamp runtime should only be reset when placing a new lamp.

**WARNING: Lamp runtime reset as well as the lamp replacement can only be done by a Barco authorized technician.**

### Necessary tools

No tools.

### How to reset the lamp runtime?

1. Press **MENU** to activate the Tool bar
2. Press → to select the *Lamp* item
3. Press ↓ to Pull down the *Lamps* menu
4. Use ↑ or ↓ to select *Reset runtime*
5. Press → to pull down the menu
6. Use ↑ or ↓ to select the lamp to be reset

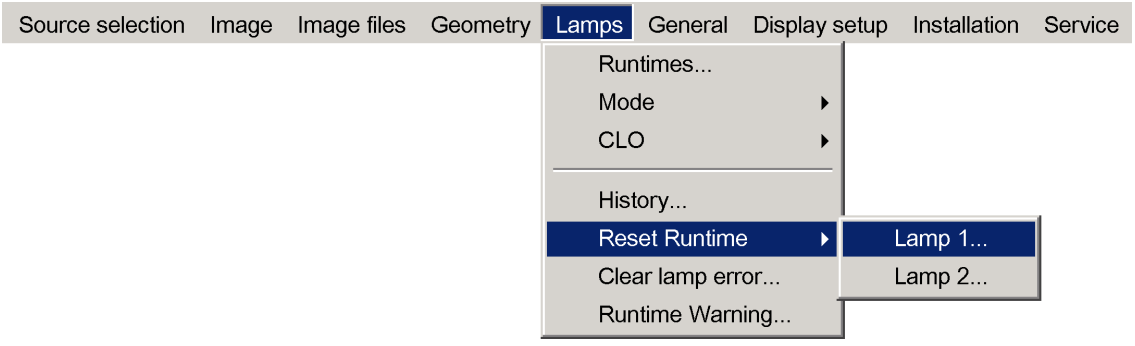


Image 3-1

7. Press **ENTER**

A dialog box is displayed

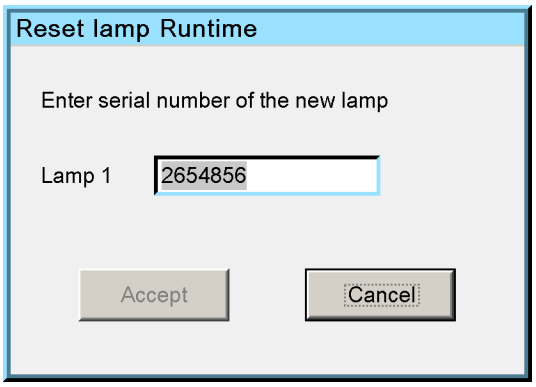


Image 3-2

8. Use ←or →, the numeric keys on the remote, or the keypad to change the serial number of the lamp (serial number 0000000 will not be accepted).

## 3.2 Removing the rear cover

**WARNING: Before removing a cover, switch off the mains power and unplug the mains power cord from the wall outlet.**

### Necessary tools

Crosshead screwdriver Ph2

### How to remove the rear cover

1. Remove the cover lock screw

Image 3-3
Rear cover: fixing screw

2. Remove the rear cover

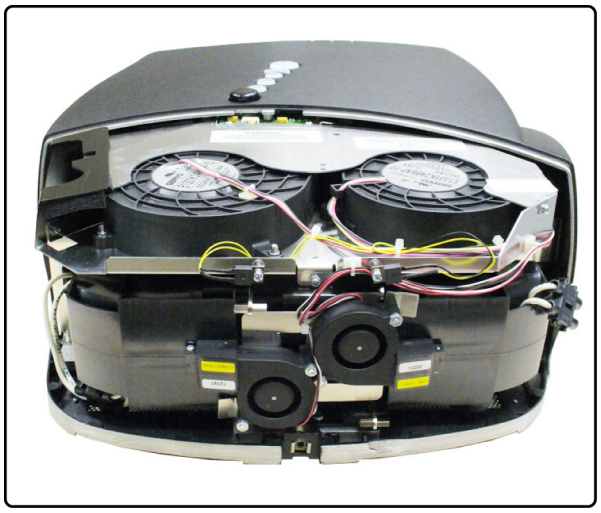

Image 3-4
Rear cover removed

## 3.3 Removing the lamp

### Introduction

This projector has two lamps. The way to remove the lamp is identical for each of lamps. The procedure below describes how to remove **lamp 1**.

### Necessary tools

No tools.

### How to remove the lamp?

1. Unplug the lamp power connector

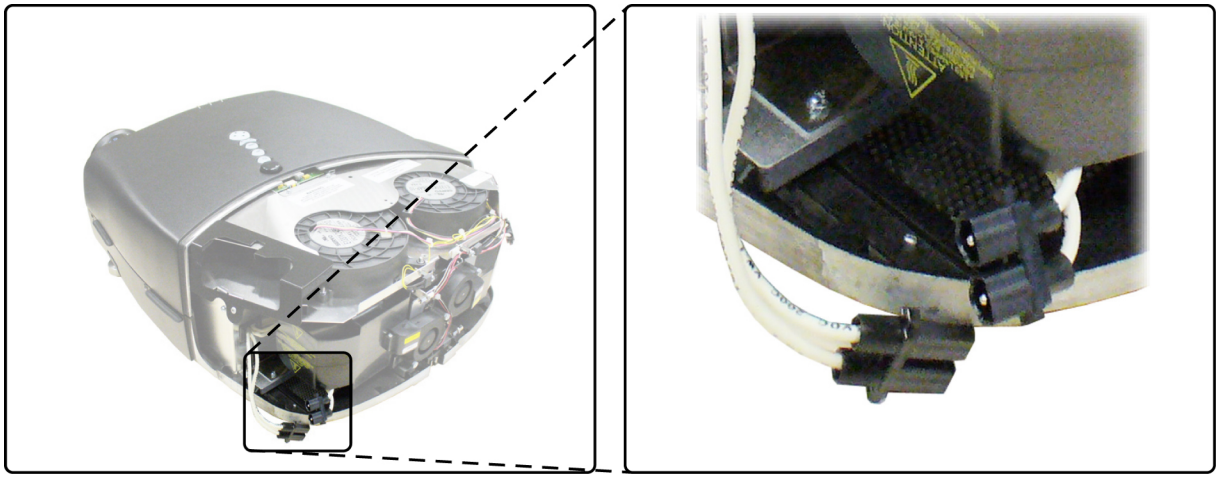

Image 3-5
Lamp 1: unplugging the power connector

2. Pull the lamp locking handle to release the lamp

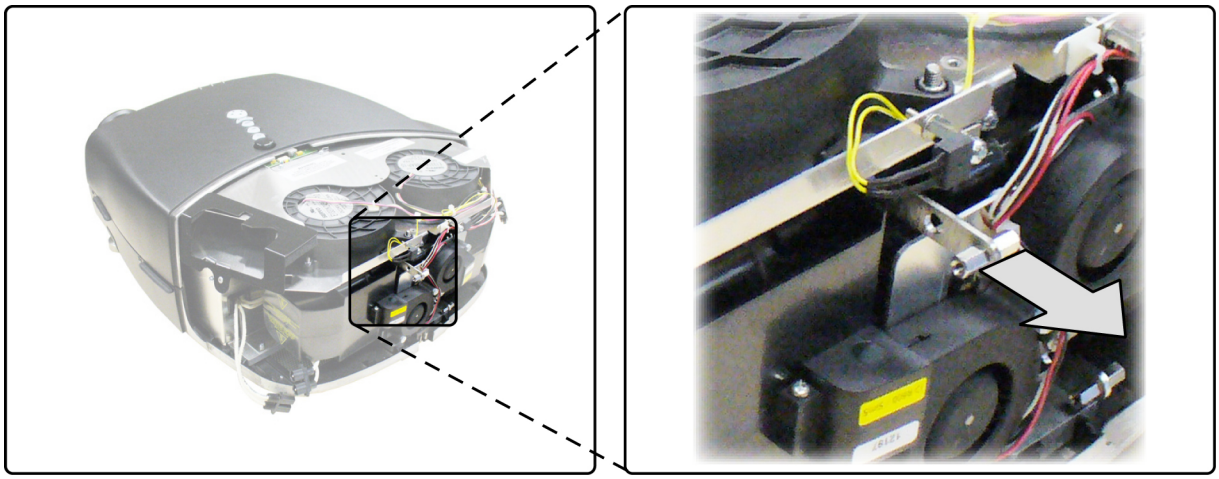

Image 3-6
Lamp 1: unlocking

3. Slide the lamp sidewards, then backwards to remove it

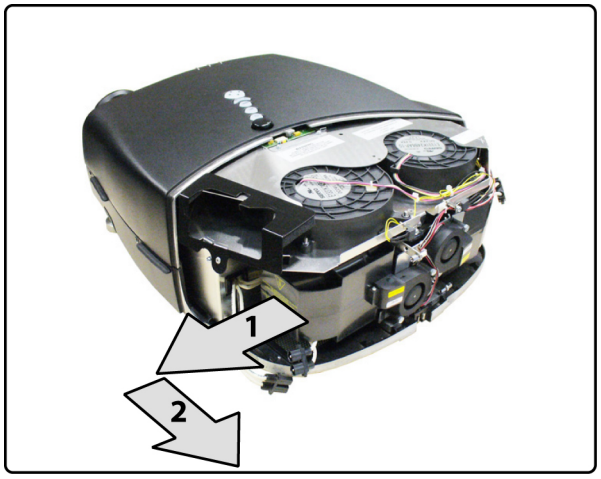


Image 3-7
Lamp 1: removing

## 3.4 Installing the lamp

### Introduction

This projector has two lamps. The way to install the lamp is identical for each of lamps. The procedure below describes how to install **lamp 1**.

### Necessary tools

No tools.

### How to install the lamp?

1. Make sure that the lamp locking handle is pulled out

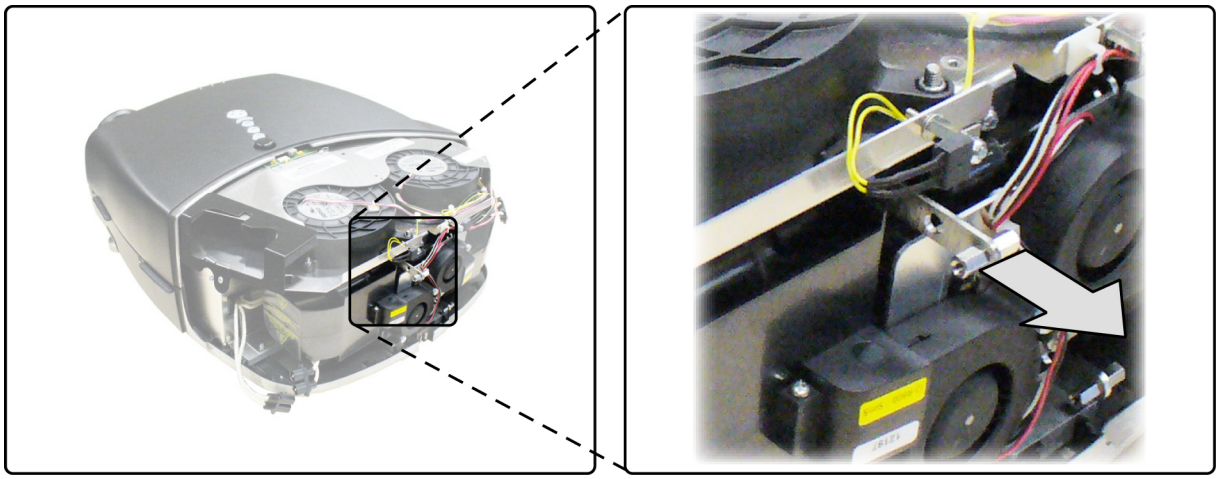

Image 3-8
Lamp 1 locking system must be unlocked

2. Slide in the lamp into its correct position

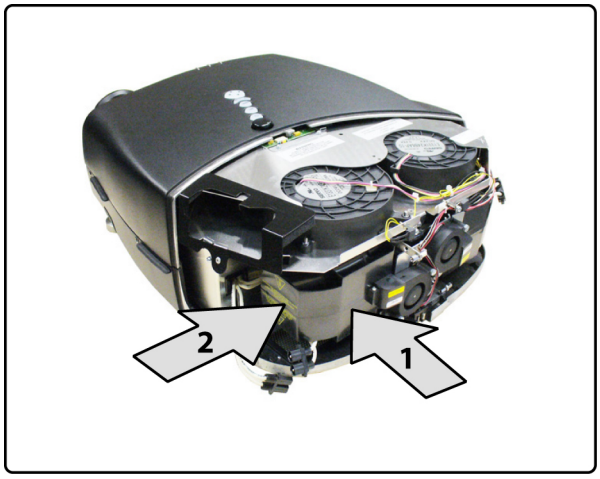


Image 3-9
Lamp 1: sliding it in its position

3. Push the lamp locking handle to lock the lamp

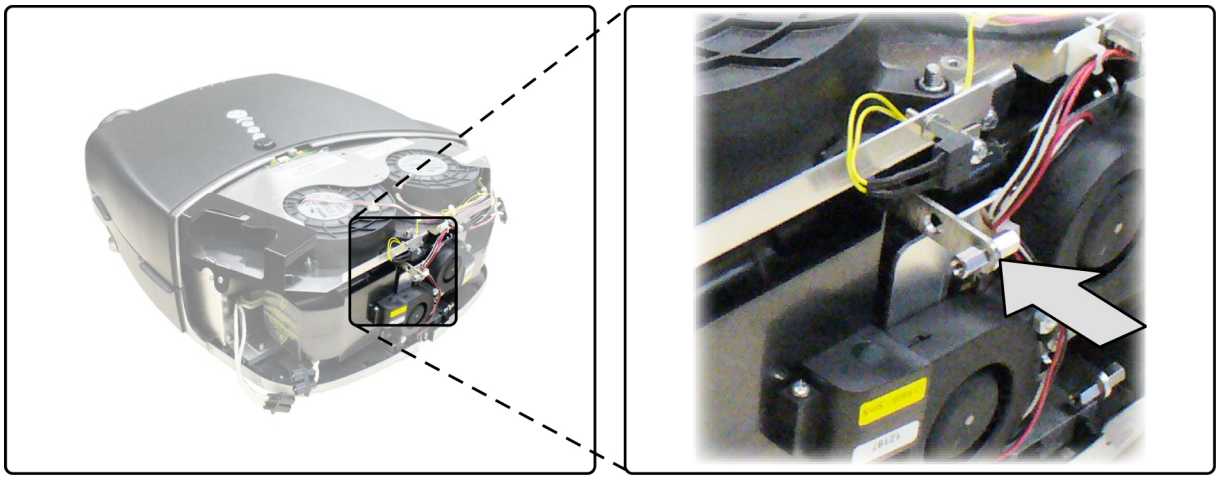

Image 3-10
Lamp 1: locking

4. Plug in the lamp power connector

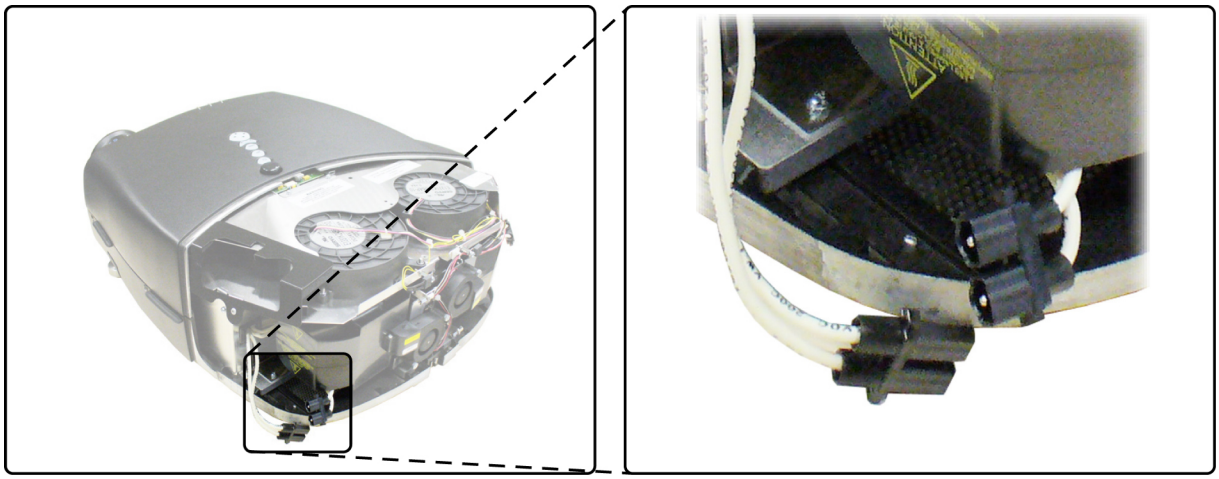

Image 3-11
Lamp 1: make the power connection

## 3.5 Installing the rear cover

### Necessary tools

Crosshead screwdriver Ph2

### How to install the rear cover

1. Put the rear cover into its correct position
2. Insert and tighten the cover lock screw

Image 3-12
Rear cover: fixing screw

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